

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known Application Number: 10/505,474 Filing Date: August 24, 2004 First Named Inventor: Akira TSUKAMOTO et al. Art Unit: 1633 Examiner Name: Unassigned Attorney Docket Number: 04853.0118-00000		
Sheet	1	of	1		

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
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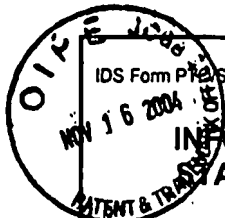
Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/JE/		CN 1188830 A	07-29-1998			Yes

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
/JE/		Office Action dated May 19, 2006, for Chinese Patent Application No. CN 2003809195, 2 pages.	No

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				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
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115 U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
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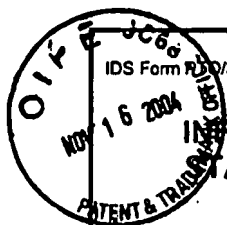
Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

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/JE/		EP 1 029 922 A2	08-23-2000			
/JE/		JP 11-127863 A	05-18-1999			Yes-Abstract Only
/JE/		JP 2000-106887	04-18-2000			Yes-Abstract Only

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
/JE/		AKAMATSU et al., "Influence of White-Rot Fungi on Poplar Chips and Thermo-Mechanical Pulping of Fungi-Treated Chips," <i>Mokuzai gakkaiishi</i> , 30(8):697-702 (1984).	Yes - Abstract Only
/JE/		ANDER and ERIKSSON, "Influence of Carbohydrates on Lignin Degradation by the White-Rot Fungus <i>Sporotrichum pulverulentum</i> ," <i>Svensk Papperstidning nr 18</i> :643-652 (1975).	
		ANDER and ERIKSSON, "Mekanisk massa från förrotad flis - en inledande undersökning," <i>Svensk Papperstidning nr 18</i> :641-642 (1975).	Yes-Abstract Only
		BAJPAI et al., "Biokraft Pulping of Eucalyptus with Selected Lignin-Degrading Fungi," <i>Journal of Pulp and Paper Science</i> , 27(7):235-239 (2001).	
		BAR-LEV et al., "Fungal Treatment Can Reduce Energy Requirements for Secondary Refining of TMP," <i>Tappi Journal</i> , 111-113 (1982).	
		CHEN and SCHMIDT, "Improving Aspen Kraft Pulp by a Novel, Low-Technology Fungal Pretreatment," <i>Wood and Fiber Science</i> , 27(2):198-204 (1995).	
		DUMONCEAUX et al., "Cellobiose Dehydrogenase is Essential for Wood Invasion and Nonessential for Kraft Pulp Delignification by <i>Trametes versicolor</i> ," <i>Enzyme and Microbial Technology</i> , 29:478-489 (2001).	
		DUMONCEAUX et al., "Cloning and Sequencing of a Gene Encoding Cellobiose Dehydrogenase from <i>Trametes versicolor</i> ," <i>Gene</i> , 210:211-219 (1998).	
		ERIKSSON et al., "Oxidation: An Important Enzyme Reaction in Fungal Degradation of Cellulose," <i>FEBS Letters</i> , 49(2):282-285 (1974).	
		ERIKSSON and VALLANDER, "Properties of Pulps from Thermomechanical Pulping of Chips Pretreated with Fungi," <i>Svensk Papperstidning</i> , 6:R33-R38 (1982).	
		HENRIKSSON et al., "A Critical Review of Cellobiose Dehydrogenases," <i>Journal of Biotechnology</i> , 78:93-113 (2000).	
/JE/		IGARASHI et al., "Cellobiose Dehydrogenase Enhances <i>Phanerochaete chrysosporium</i> Cellobiohydrolase I Activity by Relieving Product Inhibition," <i>Eur. J. Biochem</i> , 253:101-106 (1998).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

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First Named Inventor	Akira TSUKAMOTO
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	04853.0118-00000

/JE/	KASHINO et al., "Biomechanical Pulping Using White-Rot Fungus IZU-154," <i>Tappi Journal</i> , 76(12):167-171 (1993).	
	LI et al., "Cellobiose Dehydrogenase from <i>Phanerochaete chrysosporium</i> is Encoded by Two Allelic Variants," <i>Applied and Environmental Microbiology</i> , 63(2):796-799 (1997).	
	LI et al., "Cloning of a cDNA Encoding Cellobiose Dehydrogenase, a Hemoflavoenzyme from <i>Phanerochaete chrysosporium</i> ," <i>Applied and Environmental Microbiology</i> , 62(4):1329-1335 (1996).	
	LI et al., "Homologous Expression of Recombinant Cellobiose Dehydrogenase in <i>Phanerochaete chrysosporium</i> ," <i>Biochemical and Biophysical Research Communications</i> , 270:141-146 (2000).	
	MOLINA et al., "Biopulping for Kraft Pulp of <i>Pinus radiata</i> ," <i>Appita</i> , 57-63 (1996).	
	MOLINA et al., "Refining Biokraft Pulp of <i>Pinus radiata</i> ," <i>Appita</i> , 199-206 (1997).	
	MOUKHA et al., "Cloning and Analysis of <i>Pycnoporus cinnabarinus</i> Cellobiose Dehydrogenase," <i>Gene</i> , 234:23-33 (1999).	
	MYERS et al., "Fungal Pretreatment of Aspen Chips Improves Strength of Refiner Mechanical Pulp," <i>Tappi Journal</i> , 105-108 (1988).	
	NISHIBE et al., "Screening of White-rot Fungi and Characteristics of Bio-degraded TMP," <i>Japan Tappi</i> , 42(2):67-82 (1988).	Yes-Abstract Only
	ORIARAN et al., "Kraft Pulp and Papermaking Properties of <i>Phanerochaete Chrysosporium</i> -degraded Aspen," <i>Tappi Journal</i> , 73:147-152 (1990).	
	RAICES et al., "Cloning and Characterization of a cDNA Encoding a Cellobiose Dehydrogenase from the White Rot Fungus <i>Phanerochaete chrysosporium</i> ," <i>FEBS Letters</i> , 369:233-238 (1995).	
	SAMUELSSON et al., "Influence of Fungal Treatment on the Strength versus Energy Relationship in Mechanical Pulping," <i>Svensk Papperstidning nr 8</i> :221-225 (1980).	
	SCOTT and SWANEY, "New Technology for Papermaking: Biopulping Economics," <i>Tappi Journal</i> , 81(12):153-157 (1998).	
	SIMS et al., "The Identification, Molecular Cloning and Characterisation of a Gene from <i>Phanerochaete chrysosporium</i> that Shows Strong Homology to the Exo-Cellobiohydrolase I Gene from <i>Trichoderma reesei</i> ," <i>Gene</i> , 74: 411-422 (1988).	
	YAGÜE et al., "Correlation of Exons with Functional Domains and Folding Regions in a Cellulase from <i>Agaricus bisporus</i> ," <i>Curr. Genet.</i> , 30:56-61 (1996).	
/JE/	International Search Report for PCT Application No. PCT/JP03/02058, dated May 27, 2003 (2 pages).	

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